

WHAT IS CLAIMED IS:

1. An image recording device comprising:

a light source for independently emitting red, green and blue light beams, the light source having an organic electroluminescence element; and

a light modulator for modulating the light beams from the light source, the light modulator having light shutters arranged in an array, the light shutters being controlled on-off for each color in accordance with signals representing an image to be recorded.

2. The image recording device of claim 1, wherein the light source comprises organic electroluminescence elements emitting red light beams, organic electroluminescence elements emitting green light beams and organic electroluminescence elements emitting blue light beams, the respective organic electroluminescence elements being arranged in a predetermined direction for each color.

3. The image recording device of claim 1, wherein the light source comprises organic electroluminescence elements emitting red light beams, organic electroluminescence elements emitting green light beams and organic electroluminescence elements emitting blue light beams, the organic electroluminescence elements being arranged in a matrix.

4. The image recording device of claim 1, wherein the light source comprises a light-emitting layer for emitting a red light beam, a light-emitting layer for emitting a green light beam and a light-emitting layer for emitting a blue light beam, and the layers are laminated to emit the light beams in the same direction.

5. The image recording device of claim 1, wherein the light modulator comprises a light shutter array comprising light shutters arranged in an array, with each of the light shutters having a cell whose light transmittance can be adjusted on the basis of an image signal.

6. The image recording device of claim 1, wherein the light modulator comprises a micromirror array device comprising micromirrors arranged in an array, with reflecting angles of the micromirrors being adjustable on the basis of an image signal.

7. The image recording device of claim 2, wherein the light modulator comprises a light shutter array comprising light shutters arranged in an array, with each of the light shutters having a cell whose light transmittance can be adjusted on the basis of an image signal.

8. The image recording device of claim 2, wherein the light modulator comprises a micromirror array device comprising

micromirrors arranged in an array, with reflecting angles of the micromirrors being adjustable on the basis of an image signal.

9. The image recording device of claim 3, wherein the light modulator comprises a light shutter array comprising light shutters arranged in an array, with each of the light shutters having a cell whose light transmittance can be adjusted on the basis of an image signal.

10. The image recording device of claim 3, wherein the light modulator comprises a micromirror array device comprising micromirrors arranged in an array, with reflecting angles of the micromirrors being adjustable on the basis of an image signal.

11. The image recording device of claim 4, wherein the light modulator comprises a light shutter array comprising light shutters arranged in an array, with each of the light shutters having a cell whose light transmittance can be adjusted on the basis of an image signal.

12. An image recording device according to claim 4, wherein the light modulator comprises a micromirror array device comprising micromirrors arranged in an array, with reflecting angles of the micromirrors being adjustable on the basis of an image signal.